



all the products in this catalogue are earmarked with Daken logo

plastic toolboxes

plastic fire extinguisher boxes

impact buffers

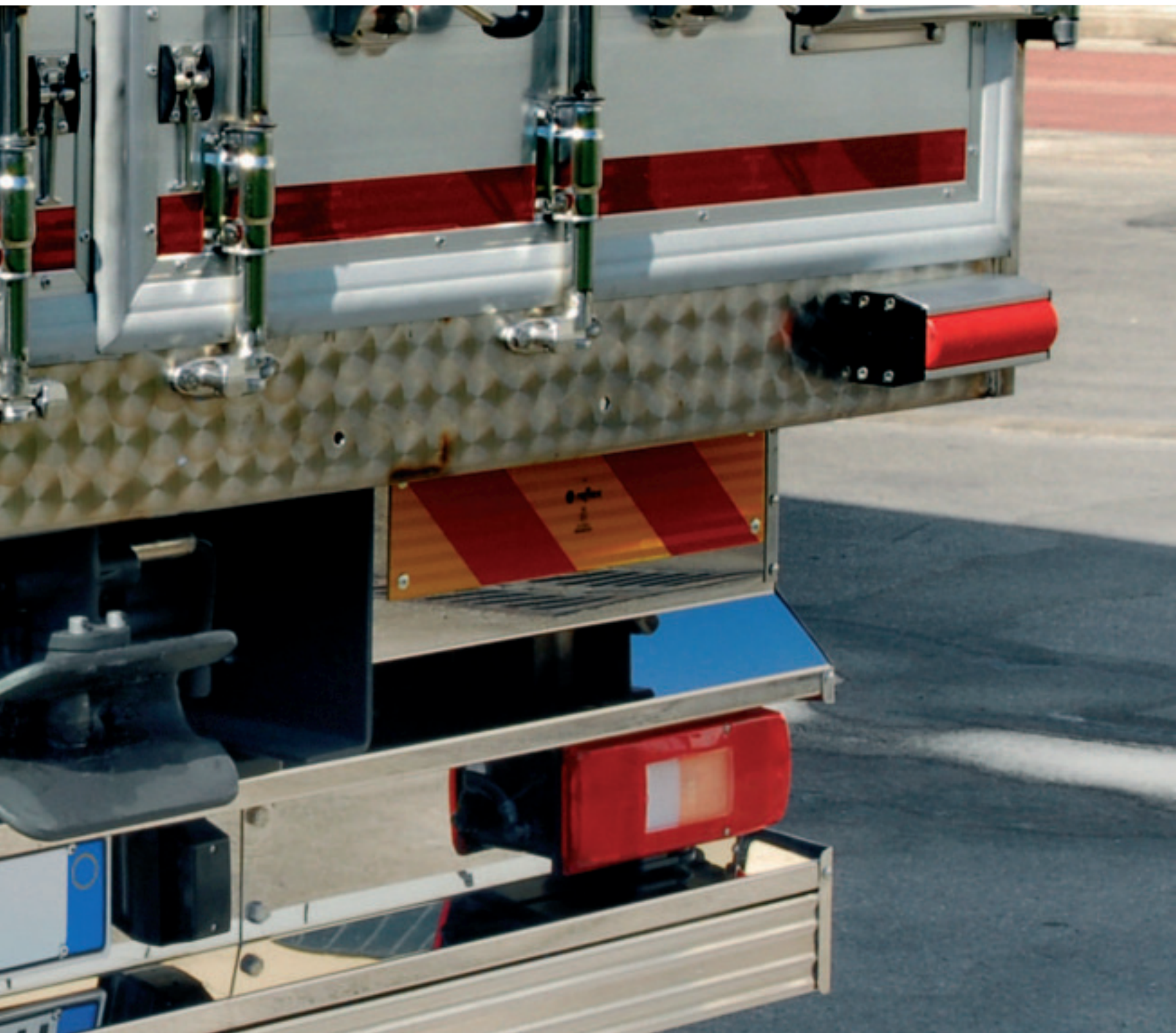
accessories

A range moulded on customer's needs

Any Daken product is the result of a long and careful design, carried out in our R&D Department, whose purpose is to satisfy needs and wishes of the end user.

Toolboxes, fire extinguisher boxes, impact buffers and accessories have been conceived and realized in order to last in time, thanks to the high quality materials.

A wide range among which it is easy to find the most suitable item to answer every need of fitting out.



Value at first sight

Just after a first glance, the high quality of a Daken product is evident, in terms of both practicality and design. The choice of materials, the clean and modern look, the simple and refined style, the elegance of the details make it a real object of design.

An accessory of high quality suitable to everybody willing to equip its own vehicle with a high added value.



A quality constantly growing

The high quality of Daken products is not a final purpose, but it represents an aim to be pursued day after day, through a constant attention to the efficiency of the organization aiming to excellence from any point of view: from designing new items to increasing the range of products, from an accurate choice of raw materials to the constant staff training, from the utilization of the most advanced technologies to the thorough control in any step of the manufacturing process.



plastic toolboxes

technical characteristics

European patent EP 1442845

raw material: first quality polypropylene resin (PP), with good mechanical resistance to tensile stress and breakage, resistant to weather conditions and UV rays.

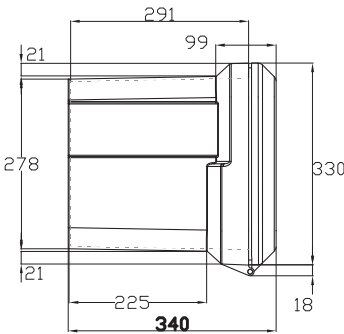
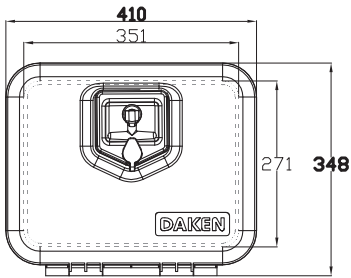
test: endurance test, breakage test of all components at low temperature, water-resistant test.

manufacturing system: injection moulding, melting process which, together with a mould and using high pressures and temperatures, guarantees a greater mechanical endurance, good surface finishing touch and dimensional accuracy (constant thickness of 4mm).

lock system: europlex, patented system for invention n. 132370, European Patent EP 1427906.

Plastic toolbox | europlex

| | |
|-----------------------|-----------------|
| part No. | 81000 |
| dimensions (mm) | 410 x 348 x 340 |
| weight (Kg) | 3.5 |
| capacity (lt) | 29 |
| q.ty per pallet (No.) | 42 |
| pallet dimension (cm) | 107 x 85 x 275 |
| pallet weight (Kg) | 167 |



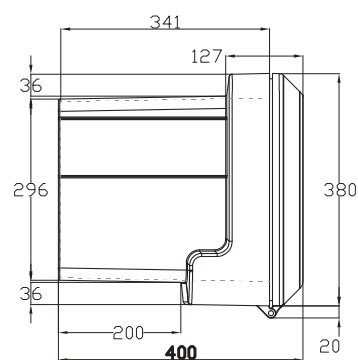
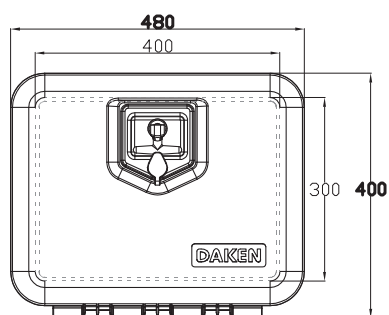
results of test for loading resistance

| | | | | | |
|--|------|------------------------|--------------|--------------|--|
| | load | Von Mises limit 22 MPa | deformed max | optimum load | |
| | N | c. max MPa | mm | N | |
| | 1500 | 18.94 | 7.41 | 400 | |

Tests conducted by a simulation software: F.E.M. method.
The optimum load is lower enough than the F.E.M. analysis results. In this way Daken ensures an adequate safety using its toolboxes, avoiding problems like the change in shape on toolbox border and fail in water-resistance.

Plastic toolbox | europlex

| | |
|-----------------------|-----------------|
| part No. | 81002 |
| dimensions (mm) | 480 x 400 x 400 |
| weight (Kg) | 6.0 |
| capacity (lt) | 39 |
| q.ty per pallet (No.) | 36 |
| pallet dimension (cm) | 127 x 100 x 270 |
| pallet weight (Kg) | 223 |



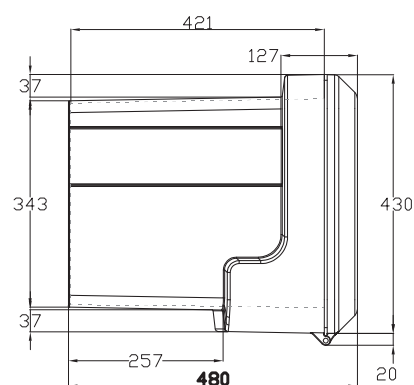
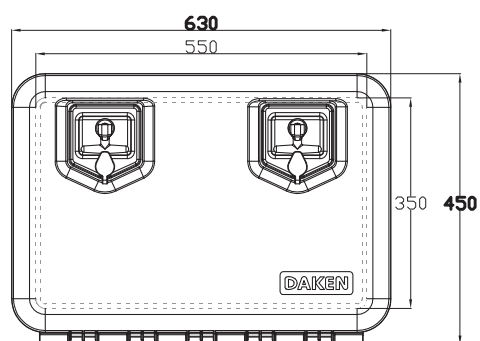
results of test for loading resistance

| | load | Von Mises limit 22 MPa | deformed max | optimum load | |
|--|------|------------------------|--------------|--------------|--|
| | N | c. max MPa | mm | N | |
| | 1500 | 19.50 | 11.90 | 500 | |

Tests conducted by a simulation software: F.E.M. method.
The optimum load is lower enough than the F.E.M. analysis results. In this way Daken ensures an adequate safety using its toolboxes, avoiding problems like the change in shape on toolbox border and fail in water-resistance.

Plastic toolbox 2 europex

| | |
|-----------------------|-----------------|
| part No. | 81004 |
| dimensions (mm) | 630 x 450 x 480 |
| weight (Kg) | 9.0 |
| capacity (lt) | 77.5 |
| q.ty per pallet (No.) | 20 |
| pallet dimension (cm) | 129 x 95 x 266 |
| pallet weight (Kg) | 194 |



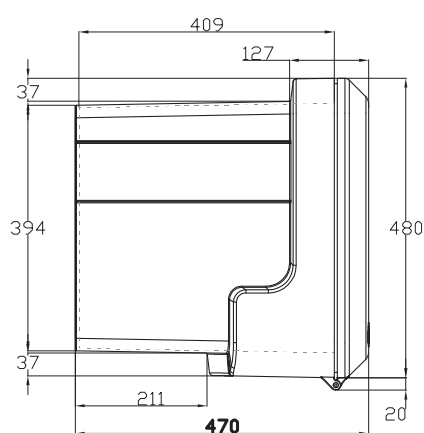
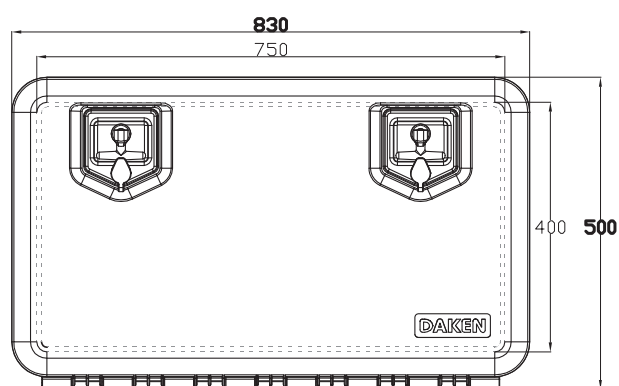
results of test for loading resistance

| | load | Von Mises limit 22 MPa | deformed max | optimum load | |
|--|------|------------------------|--------------|--------------|--|
| | N | c. max MPa | mm | N | |
| | 1500 | 18.30 | 21.52 | 600 | |

Tests conducted by a simulation software: F.E.M. method.
The optimum load is lower enough than the F.E.M. analysis results. In this way Daken ensures an adequate safety using its toolboxes, avoiding problems like the change in shape on toolbox border and fail in water-resistance.

Plastic toolbox 2 europlex

| | |
|-----------------------|-----------------|
| part No. | 81006 |
| dimensions (mm) | 830 x 500 x 470 |
| weight (Kg) | 12.0 |
| capacity (lt) | 119 |
| q.ty per pallet (No.) | 10 |
| pallet dimension (cm) | 105 x 85 x 265 |
| pallet weight (Kg) | 131 |



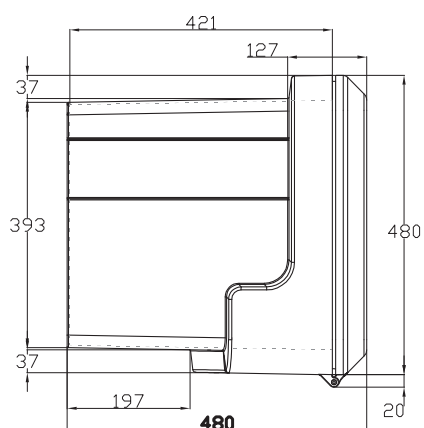
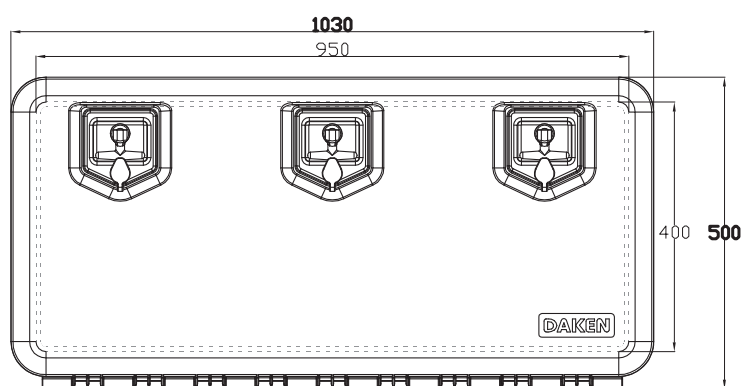
results of test for loading resistance

| | load | Von Mises limit 22 MPa | deformed max | load optimum | |
|--|------|------------------------|--------------|--------------|--|
| | N | c. max MPa | mm | N | |
| | 1600 | 12.89 | 9.04 | 650 | |

Tests conducted by a simulation software: F.E.M. method.
The optimum load is lower enough than the F.E.M. analysis results. In this way Daken ensures an adequate safety using its toolboxes, avoiding problems like the change in shape on toolbox border and fail in water-resistance.

Plastic toolbox 3 europlex

| | |
|-----------------------|------------------|
| part No. | 81008 |
| dimensions (mm) | 1030 x 500 x 480 |
| weight (Kg) | 15.0 |
| capacity (lt) | 154 |
| q.ty per pallet (No.) | 10 |
| pallet dimension (cm) | 105 x 105 x 252 |
| pallet weight (Kg) | 158 |

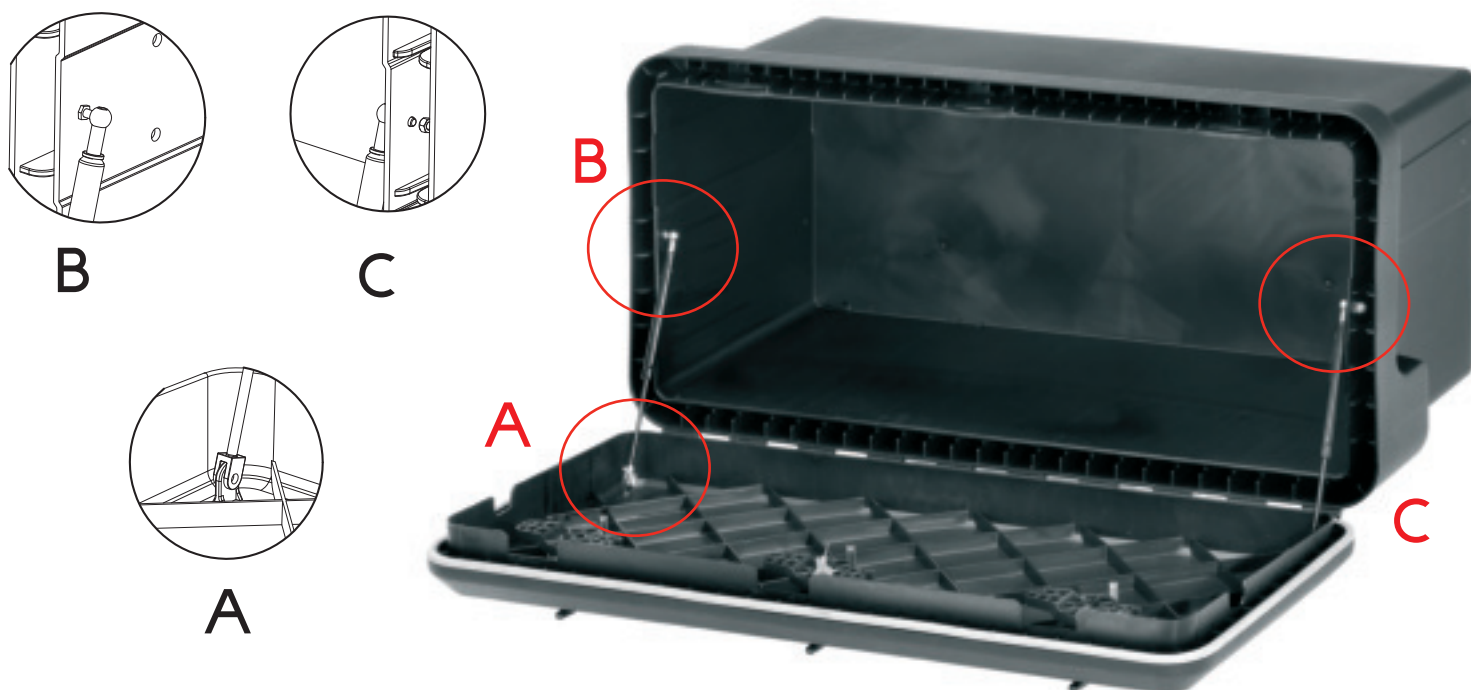


results of test for loading resistance

| | load | Von Mises limit 22 MPa | deformed max | load optimum | |
|--|------|------------------------|--------------|--------------|--|
| | N | c. max MPa | mm | N | |
| | 1600 | 19.49 | 11.09 | 700 | |

Tests conducted by a simulation software: F.E.M. method.
The optimum load is lower enough than the F.E.M. analysis results. In this way Daken ensures an adequate safety using its toolboxes, avoiding problems like the change in shape on toolbox border and fail in water-resistance.

Toolbox with gas spring set



Toolbox with customized logo

DAKEN
DAKEN
DAKEN

available in different color



all toolboxes are available on customer's demand
with gas springs and customized logo



plastic fire extinguisher boxes

technical characteristics

raw material: first quality polypropylene resin (PP), with good mechanical resistance to tensile stress and breakage, resistant to weather conditions and UV rays.

test: endurance test, breakage test of all components at low temperature, water-resistant test.

manufacturing system: injection moulding, melting process, which together with a mould and using high pressures and temperatures, guarantees a greater mechanical endurance, good surface finishing touch and dimensional accuracy.

notes: clamping ring with PVC high resistance clamping spring. Reinforced fixing points.

Plastic fire extinguisher box 6/9 Kg



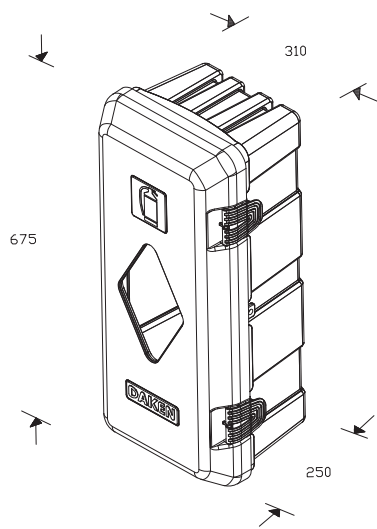
| part No. | color | fit for fire extinguisher with diameter size (mm) | |
|----------|-------|---|--|
| 82000 | black | 150 ÷ 170 | |
| 82010 | black | 170 ÷ 190 | |



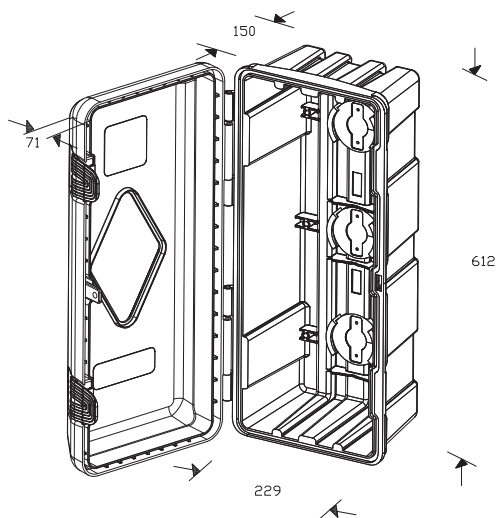
| part No. | color | fit for fire extinguisher with diameter size (mm) | |
|----------|---------------|---|--|
| 82020 | black and red | 150 ÷ 170 | |
| 82030 | black and red | 170 ÷ 190 | |

Plastic fire extinguisher box

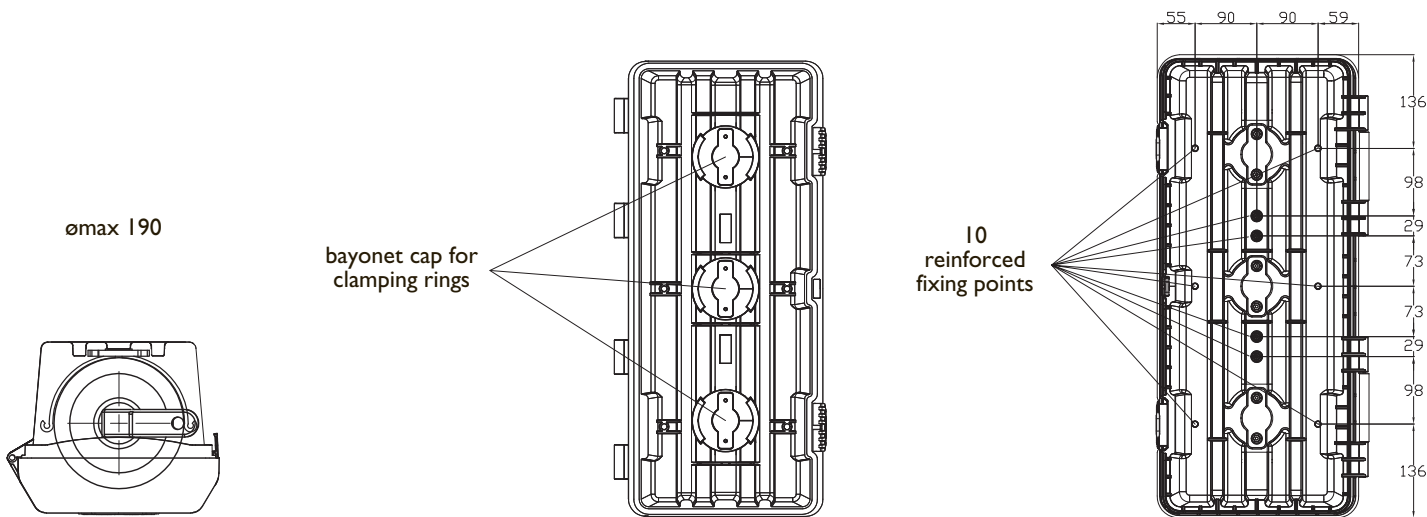
| | |
|-----------------------|-----------------|
| dimensions (mm) | 675 x 310 x 250 |
| weight (Kg) | 5.0 |
| capacity (lt) | 31 |
| q.ty per pallet (No.) | 54 |
| pallet dimension (cm) | 143 x 99 x 266 |
| pallet weight (Kg) | 270 |



external dimensions



internal dimensions



Plastic fire extinguisher box 6 Kg



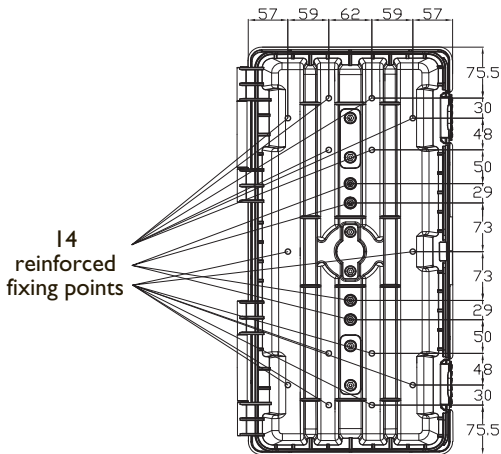
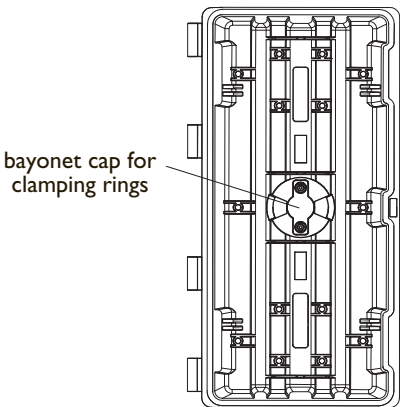
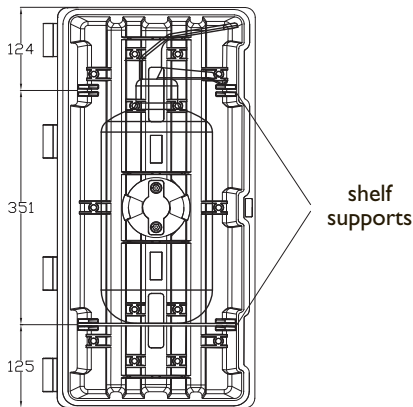
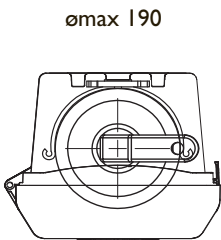
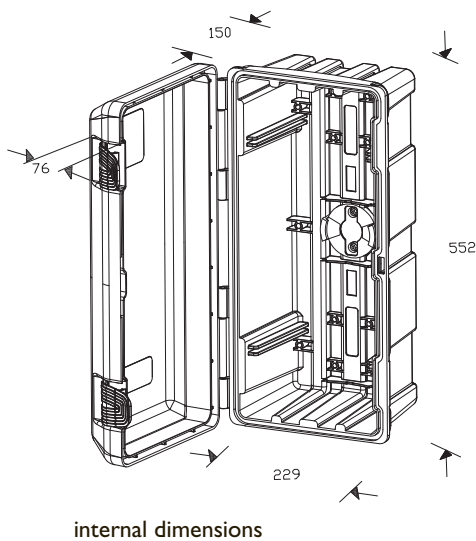
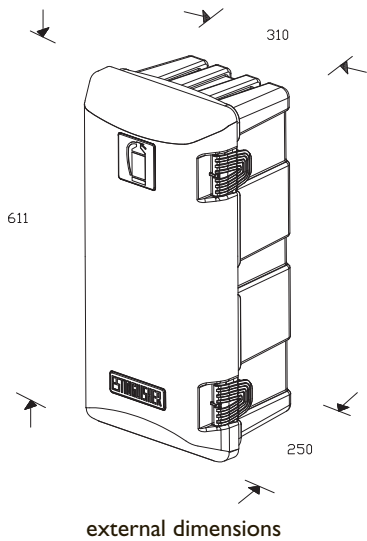
| part No. | color | fit for fire extinguisher with diameter size (mm) | |
|--------------|-------|---|--|
| 82040 | black | 150 ÷ 170 | |
| 82050 | red | 150 ÷ 170 | |



| part No. | color | fit for fire extinguisher with diameter size (mm) | |
|--------------|-------|---|--|
| 82060 | black | 150 ÷ 170 | |
| 82070 | red | 150 ÷ 170 | |

Plastic fire extinguisher box

| | |
|-----------------------|-----------------|
| dimensions (mm) | 611 x 310 x 250 |
| weight (Kg) | 3.5 |
| capacity (lt) | 28.5 |
| q.ty per pallet (No.) | 60 |
| pallet dimension (cm) | 100 x 120 x 270 |
| pallet weight (Kg) | 220 |





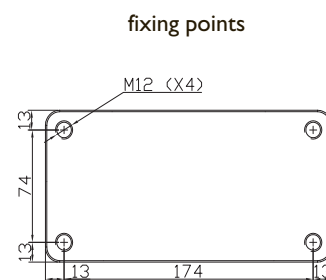
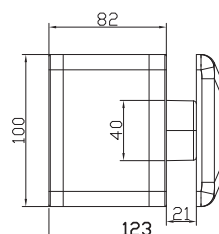
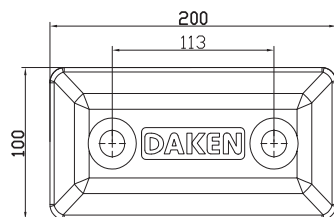
impact buffers

The impact buffer is a product characterized by a refined design and created to ensure the load absorption and to improve the friction of trucks when approaching the loading docks, in order to avoid truck impairments.

This is a device, certified by specialized testing laboratories, where the product underwent a cyclic, compression and wear tests. The results were excellent: no substantial functionality anomalies occurred.

The impact buffer has been realized in different models to better fit out different industrial vehicles. It is a product patented and certified in all markets where Daken operates.

Spring impact buffer

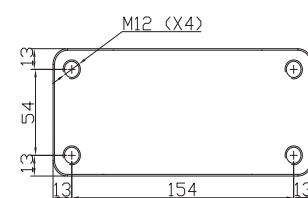
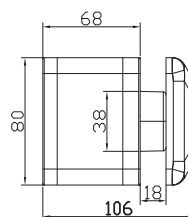
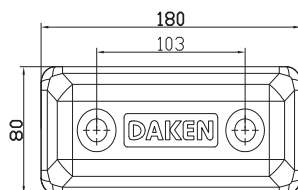


part No. 83040

dimensions (mm)

200 x 100 x 123

weight (Kg) 4.3

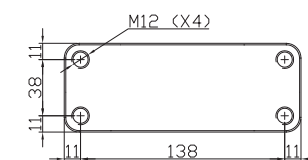
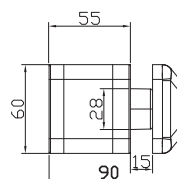
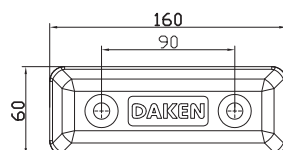


part No. 83020

dimensions (mm)

180 x 80 x 106

weight (Kg) 3.0



part No. 83000

dimensions (mm)

160 x 60 x 90

weight (Kg) 1.9

technical characteristics

compression test: the system has been tested until the space between the impact surface and the bumper body was eliminated by applying a load of 6000 daN. No sign of breakage occurred.

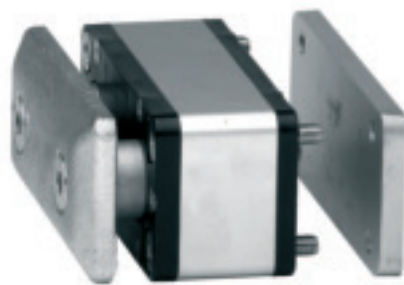
cyclic test: the test consisted in applying a cyclic force with a constant load for 10.000 cycles. No change in the functionality of the system occurred.

wear test: the test consisted in monitoring the wear of different components by stressing the system under a constant push over a concrete block for 750 cycles. Total weight loss by friction: 2 grams. No change in the functionality of the system occurred.

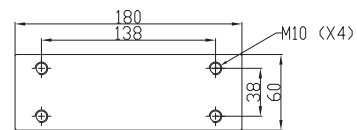
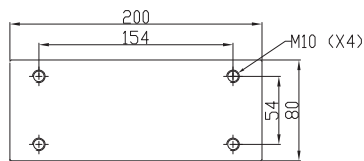
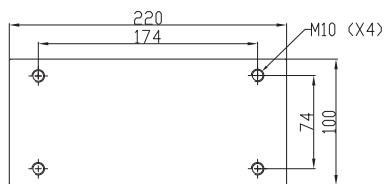


Tests conducted and certified by: ISTITUTO GIORDANO (year 2006)
European Patent EP 1625049 patent for utility model in Italy RM2003U00083

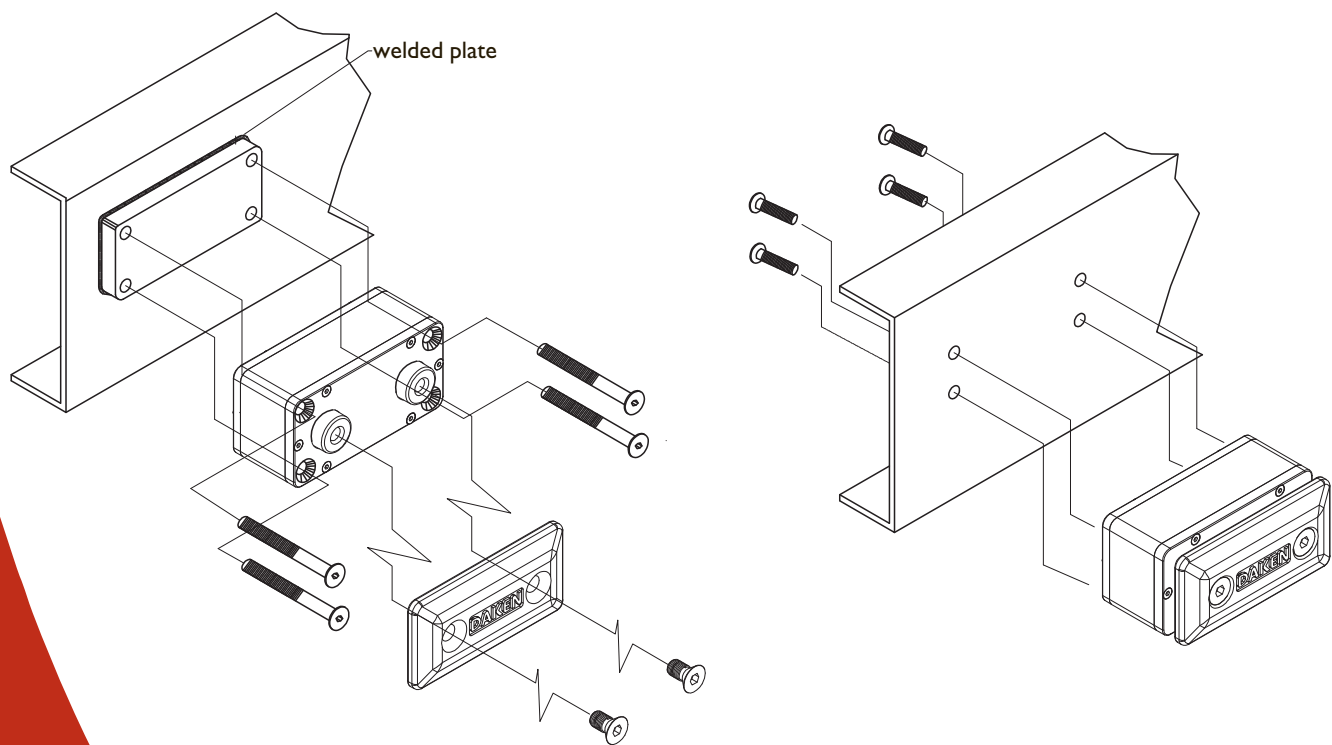
Spring impact buffer with plate



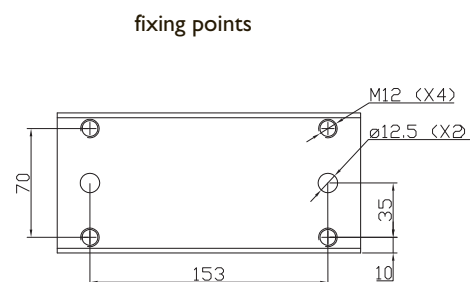
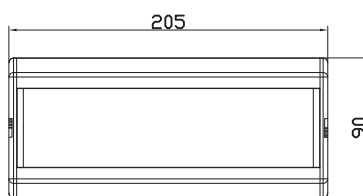
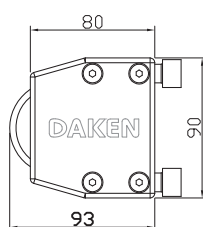
| part No. | 83050 | 83030 | 83010 |
|----------------------|-----------------|----------------|----------------|
| dimensions (mm) | 220 x 100 x 135 | 200 x 80 x 115 | 180 x 60 x 105 |
| weight (Kg) | 6.9 | 4.4 | 2.9 |
| plate dimension (mm) | 220 x 100 x 15 | 200 x 80 x 15 | 180 x 60 x 15 |



assembling drawing for spring impact buffers with and without plate



Rolling impact buffer

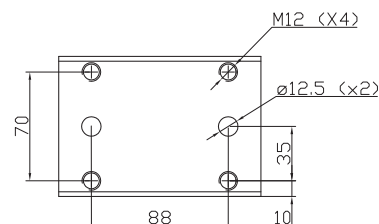
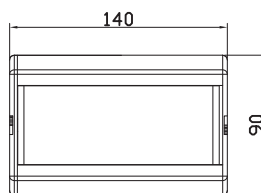
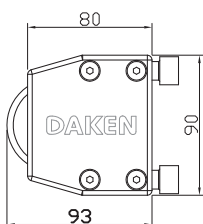


part No. 83180

dimensions (mm)

205 x 90 x 93

weight (Kg) 3.0

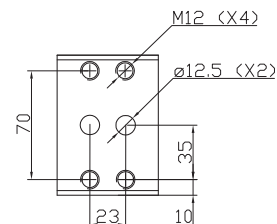
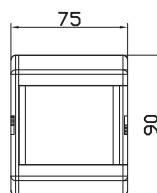
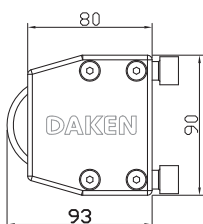


part No. 83170

dimensions (mm)

140 x 90 x 93

weight (Kg) 2.1



part No. 83160

dimensions (mm)

75 x 90 x 93

weight (Kg) 0.9

technical characteristics

compression test: the system has been tested by applying a maximum load of 8000 daN until the total compression of the roller without changing its functionality.

cyclic test: the test consisted in applying a cyclic force with a constant load for 10.000 cycles. No change in its functionality occurred.

wear test: the test consisted in monitoring the wear of different components by stressing the system under a constant push of 1000 daN over a concrete block for 10000 cycles. Total weight loss by friction: 4,41 grams, without losing functional characteristics of the buffer.

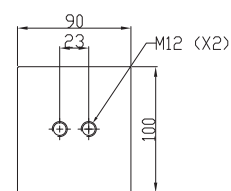
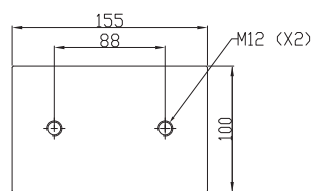
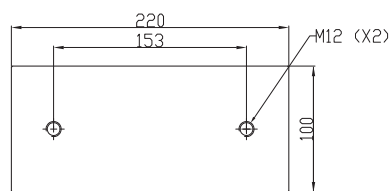


Tests conducted and certified by : ISTITUTO GIORDANO (year 2008)

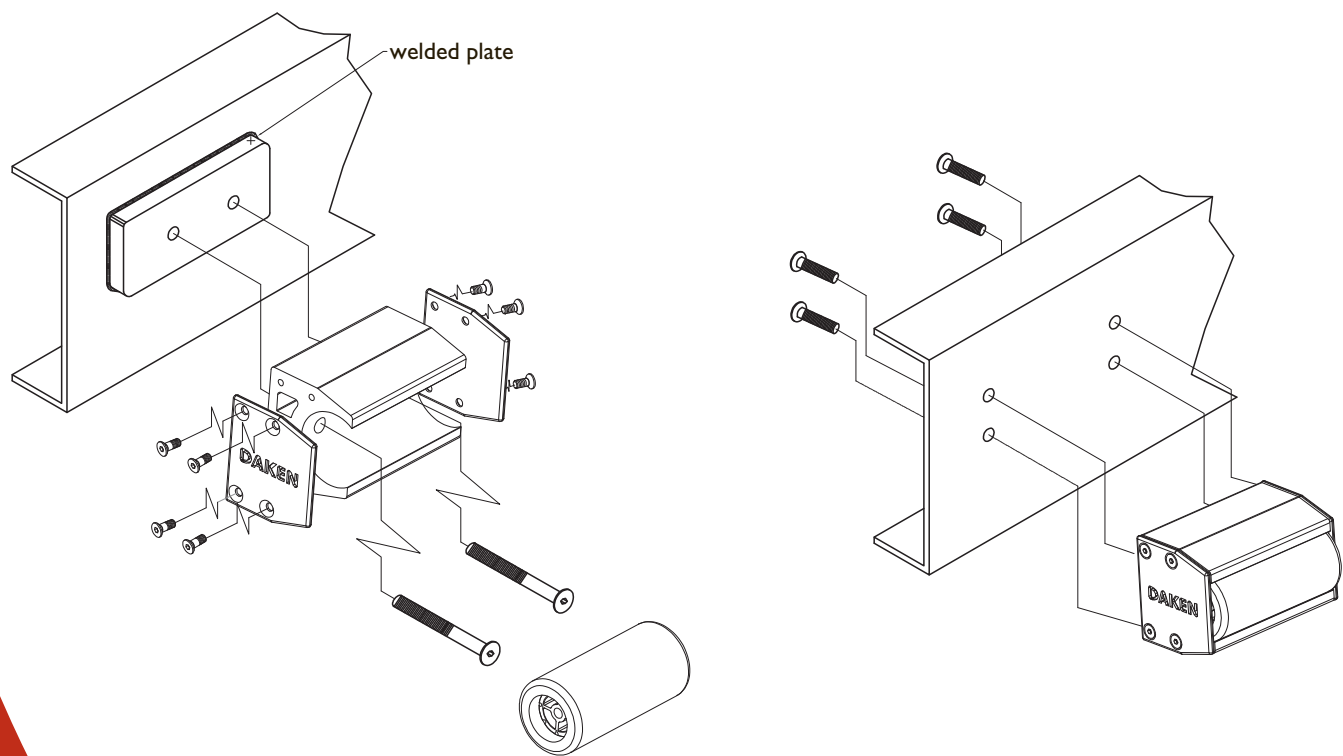
Rolling impact buffer with plate



| part No. | 83120 | 83110 | 83100 | |
|----------------------|-----------------|-----------------|----------------|--|
| dimensions (mm) | 220 x 100 x 108 | 155 x 100 x 108 | 90 x 100 x 108 | |
| weight (Kg) | 5.6 | 3.9 | 2.0 | |
| plate dimension (mm) | 220 x 100 x 15 | 155 x 100 x 15 | 90 x 100 x 15 | |



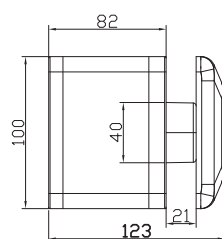
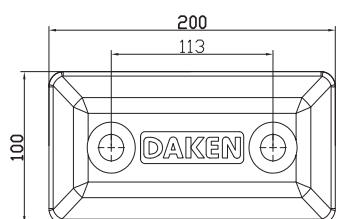
assembling drawing for rolling impact buffers with and without plate



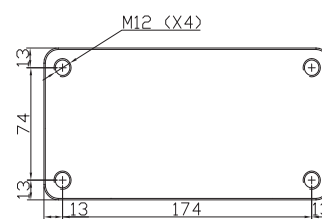
Plastic spring impact buffer



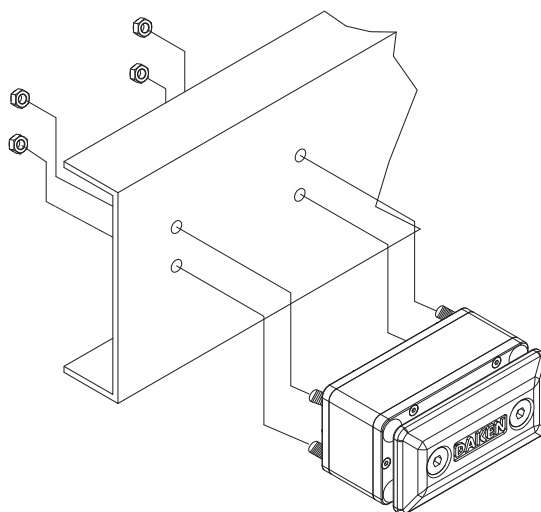
| | | |
|--|------------------------|------------------------|
| | part No. | 83240 |
| | dimensions (mm) | 220 x 100 x 135 |
| | weight (Kg) | 3.4 |



fixing points



assembling drawing



accessories

Daken accessories are the right complement for our products with a wide range of spare parts and customized brackets.

Designed and realized by our R&D department according to customer's needs, are synonymous of quality and reliability in time.

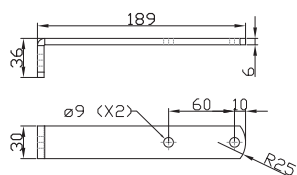
Accessories for toolboxes

Vertical brackets set for toolbox



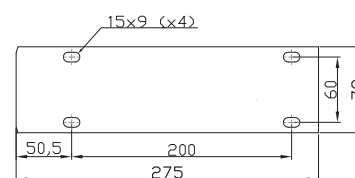
| part No. | weight (kg) | fit for toolbox |
|--------------|-------------|-------------------------|
| 88000 | 2.02 | 81000 81002 |
| 88020 | 2.30 | 81004 81006 81008 |

brackets dimensions

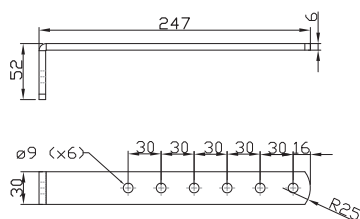


part No.
88000

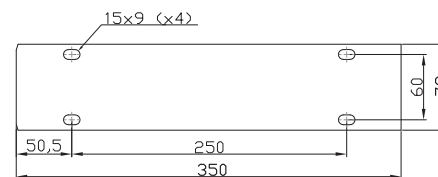
interior plates dimensions



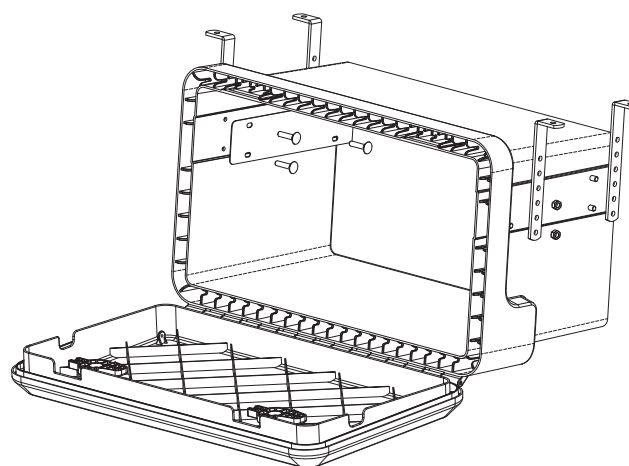
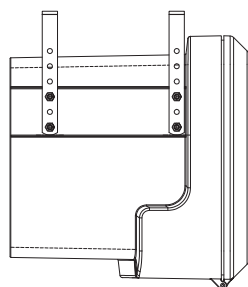
thickness = 1.5 mm



part No.
88020



thickness = 1.5 mm

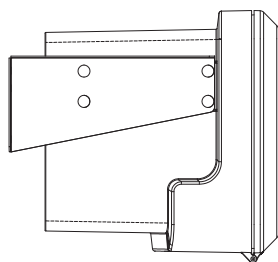
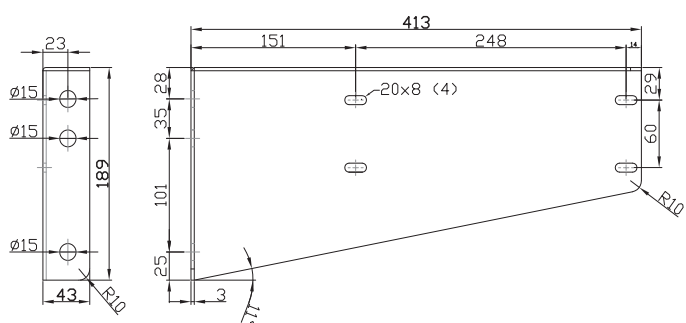
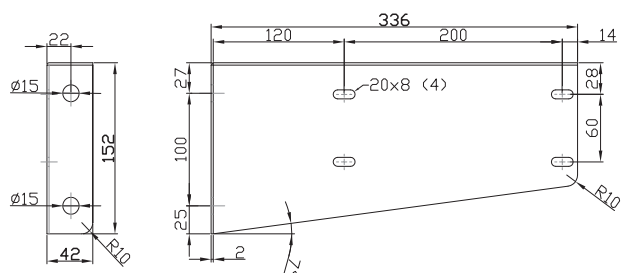


Horizontal brackets set for toolbox



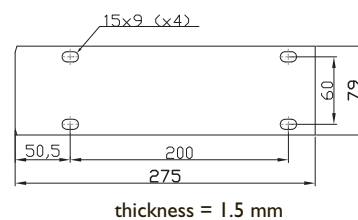
| part No | weight (kg) | fit for toolbox |
|---------|-------------|-------------------------|
| 88010 | 2.68 | 81000 81002 |
| 88030 | 4.66 | 81004 81006 81008 |

brackets dimensions

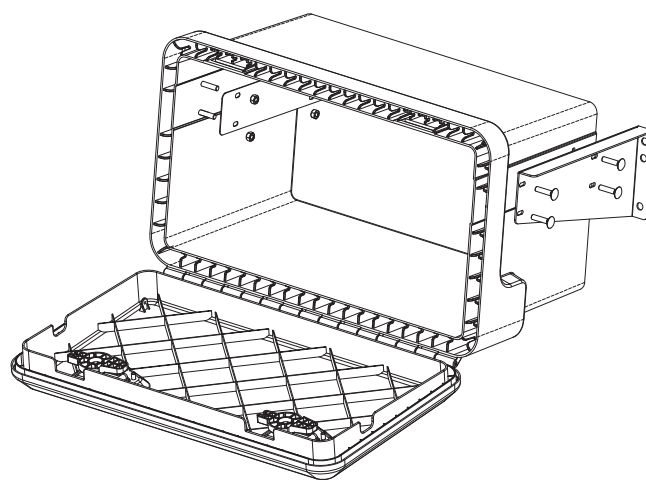
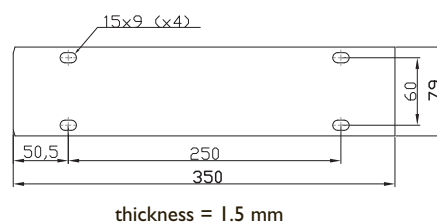


interior plates dimensions

part No.
88010



part No.
88030



Gas spring set (ØN) _____



| part No. | weight (Kg) | |
|----------|-------------|--|
| 89500 | 0.30 | |

Plastic dust cup _____ PVC/rubber seal for toolboxes _____



| part No. |
|----------|
| 89501 |



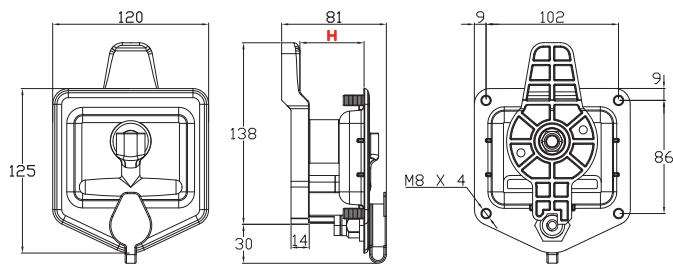
| part No. |
|----------|
| 89502 |

Cylinder lock _____



| part No. |
|----------|
| 89503 |

Europlex lock _____



| part No. | weight (kg) | H (mm) | fit for toolbox | |
|----------|-------------|--------|----------------------------------|--|
| 89000 | 0.26 | 39 | 81000 | |
| 89010 | 0.28 | 45 | 81002 81004 81006 81008 | |

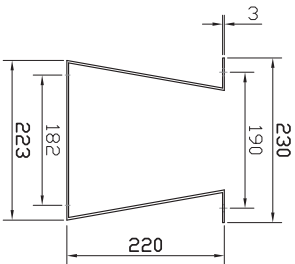
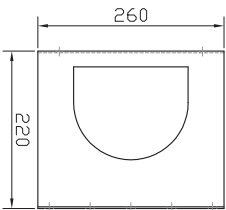
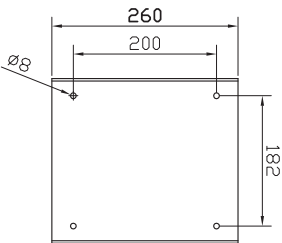
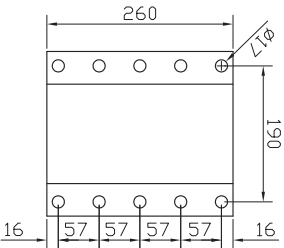
Patent for invention n. I 32370 – European Patent EP I 427906

Accessories for fire extinguisher boxes

Painted support for fire extinguisher box

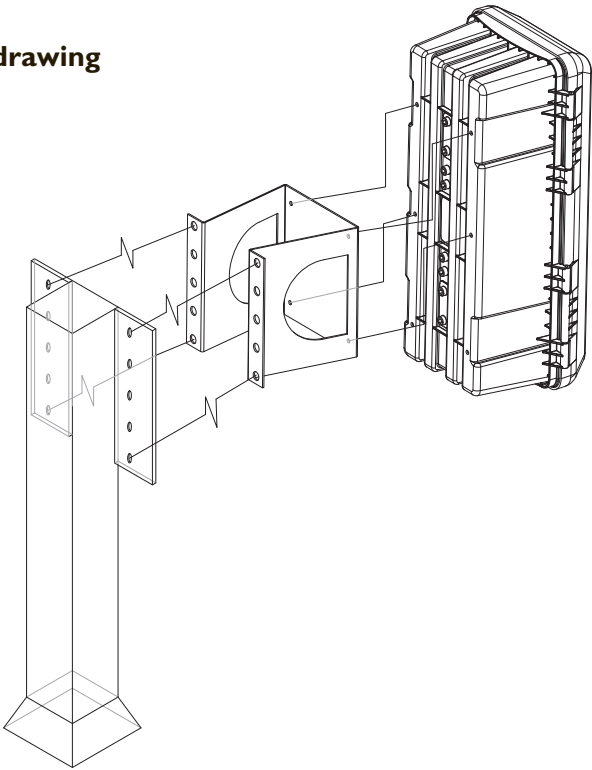


support dimensions



| part No. | dimensions (mm) | weight (Kg) |
|----------|-----------------|-------------|
| 88040 | 223 X 260 X 220 | 3.6 |

assembling drawing



Plastic handle _____ Plastic inspection window _____



| part No. |
|----------|
| 89504 |



| part No. |
|----------|
| 89505 |

Plastic clamping ring (fit for all fire extinguisher boxes) _____



| part No. | fit for fire extinguisher with diameter size (mm) |
|----------|--|
| 89506 | 150 ÷ 170 |



| part No. | fit for fire extinguisher with diameter size (mm) |
|----------|--|
| 89507 | 170 ÷ 190 |

PVC clamping spring _____ PVC/rubber seal _____



| part No. |
|----------|
| 89508 |



| part No. |
|----------|
| 89509 |

Dry powder fire extinguishers _____

| fire extinguisher | 2Kg | 6Kg | 9Kg |
|---------------------------------|--------------|--------------|--------------|
| part No. | 89523 | 89510 | 89522 |
| fire extinguisher diameter (mm) | 100 | 160 | 170 |
| gross weight (Kg) | 3.60 | 9.60 | 13.90 |
| volume (m ³) | 0.005 | 0.015 | 0.023 |

